

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-17. (Cancelled)

18. (Currently Amended) A system System for regulating a heat balance of a vehicle, said vehicle comprising:

- a passenger compartment,
- an engine, said engine comprising a cylinder head and engine block,
- a coolant circuit for dissipating heat generated in said engine, said coolant circuit comprising: at least one coolant pump for circulating a coolant through said coolant circuit, a cooling circuit for cooling said coolant in a cooler by ambient air and a heating circuit for heating said passenger compartment with said coolant,
 - at least one component, which produces waste heat a heat exchanger (20), said heat exchanger (20) being a source of waste heat, said heat exchanger (20) being operatively associated with an air conditioner of said vehicle,
 - means for transferring said waste heat from said at least one component heat exchanger (20) to said coolant in said coolant circuit,
 - said at least one coolant pump for pumping said coolant directly into said cylinder head and engine block and then into said heating circuit during engine warm-up.

19-20. (Cancelled)

21. (Currently Amended) The system System according to claim [[3]] 18, wherein the coolant circuit further comprises comprising a bypass line (44) for bypassing said heat exchanger (20).

22. (Currently Amended) The system System according to claim [[1]] 18, wherein said heating circuit comprises an auxiliary heating device for transferring waste heat ~~of~~ from said heating device to said coolant in said heating circuit.

23. (Currently Amended) The system System according to claim [[1]] 18, said vehicle coolant circuit further comprising:

- a main coolant pump and a ~~supplementary~~ coolant pump,

wherein said at least one coolant pump for pumping said coolant directly into said cylinder head and then into said heating circuit during engine warm-up is said a supplementary coolant pump.

24. (Currently Amended) A method Method for regulating a heat balance of a vehicle, said vehicle comprising including[:]

- a passenger compartment,
- an engine, said engine comprising including a cylinder head and engine block,
- a coolant circuit for dissipating heat generated in said engine, said coolant circuit comprising including[:]
at least one coolant pump for circulating a coolant through said coolant circuit, a cooling circuit for cooling said coolant in a cooler by ambient air and a heating circuit for heating said passenger compartment with said coolant,
- at least one component, which produces waste heat, a heat exchanger (20), said heat exchanger (20) being a source of waste heat, the heat exchanger (20) being operatively associated with an air conditioner of the vehicle, said method comprising:
wherein transferring said waste heat from said at least one component is transferred heat exchanger (20) to said coolant in said coolant circuit, and
wherein during engine warm-up, pumping said coolant in said coolant circuit is pumped directly into said cylinder head and engine block and then into said heating circuit.

25. (Currently Amended) The method Method according to claim [[7]] 24, said coolant circuit vehicle further including comprising[:]

- a main coolant pump and a supplementary coolant pump,
wherein during engine warm-up, pumping said coolant in said coolant circuit is pumped by said a supplementary coolant pump directly into said cylinder head and then into said heating circuit, in particular in the case of said main coolant pump being inactive.